

10/578428
1A20RccUFGP10 05 MAY 2006
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Wolfgang BARNIKOL-3 PCT

PCT NO.: PCT/EP2004/012363

FILED: NOVEMBER 2, 2004

TITLE: USE OF HYPERPOLYMERIC HEMOGLOBIN FOR THE TREATMENT
OF PULMONARY EDEMA

INFORMATION DISCLOSURE STATEMENT

MAIL STOP PCT
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicant is enclosing Form PTO-1449 disclosing the references cited in the International Search Report, copy enclosed. DE 197 01 37, EP 97 100790, DE 44 18 937, DE 38 42 105, DE 37 14 351 and DE 35 76 651 were discussed in the Specification on page 9. DE 100 31 740 and DE 100 31 744 A1 were discussed in the Specification on pages 10 and 11, respectively. Diverse articles are discussed in the Specification on pages 2, 5, 6, 7, 9 and 24. Since the instant Information Disclosure Statement is being filed concurrently with the application, no official fee is required in connection with the same. It is respectfully requested that the foregoing Information Disclosure Statement be incorporated into the official file of the

10/578428

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concurrently-filed PCT patent application.

Respectfully submitted,
Wolfgang BARNIKOL

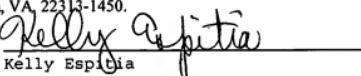

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Enclosures: PTO-1449 form and International Search Report

EXPRESS MAIL NO. EV 808 535 476 US
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Kelly Espitia

FDRM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. : BARNIKOL-3 PCT	REF ID: 10578428		
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT : Wolfgang BARNIKOL	10 MAY 2006		
				FILING DATE:	GRDUP:		
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
/L.J.H./	AB	WO 02/00230A	01/2002	PCT (ISR)			
	AC	WO 02/00768A	01/2002	PCT (ISR)			
	AD	WO 03/094953A	11/2003	PCT (ISR)			
	AE	DE 100 31 740 A1	02/2002	Germany (ISR and Spec)			
	AF	DE 100 31 744 A1	01/2002	Germany (ISR) and Spec			
	AG	DE 197 01 37	10/1967	Germany (Spec)			
	AH	EP 97 100 790		European (Spec)			
	AI	DE 44 18 937	08/1995	Germany (Spec) (w/English Abstract)			
	AJ	DE 38 41 105	06/1990	Germany (Spec) (w/English Abstract)			
↓	AK	DE 35 76 651	04/1990	Germany (Spec) (English Abstract Only)			
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APPLICANT

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ATTY. DOCKET NO. :
BARNIKOL-3 PCTSERIAL NO.
10/578428

APPLICANT: Wolfgang BARNIKOL

SEARCHED, SERIALIZED, INDEXED, AND FILED
05 MAY 2006

OTHER REFERENCES

(including Author, Title, Date, Permanent Pages, Etc.)

/L.J.H./ ↓ /L.J.H./	AL	Barnikol Wolfgang K R Et Al: "New artificial oxygen carriers made of regulated polymerised pyridoxylated porcine haemoglobin (P4Hb)" <u>COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY PART A MOLECULAR AND INTEGRATIVE PHYSIOLOGY</u> , vol. 132A, no. 1, May 2002 (2002-05), pages 185-191, XP002318526 ISSN: 1095-6433
		Vandegriff KD: "Haemoglobin-Based Oxygen Carriers" <u>EXPERT OPINION ON INVESTIGATIONAL DRUGS</u> , ASHLEY PUBLICATIONS LTD., LONDON, GB, vol. 9, no. 9, 2000, pages 1967-1984, XP008034792, ISSN: 1354-3784
		Barnikol WK R Et Al: "Haemoglobin hyperpolymers, a new type of artificial oxygen carrier - Concept and current state of development" <u>TRANSFUSION MEDICINE AND HEMOTHERAPY</u> , vol. 31, no. 4, August 2004 (2004-08), pages 269-281, XP 009044191 ISSN: 1660-3796
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		Gerock W., Hube CH, Meinertz T., Zeidler, H. (Ed.): <u>Gross-Schölmerich-Gerock-Die Innere Medizin</u> , 10 th completely new revision and expanded edition, Schattauer, Stuttgart and New York 2000. (Spec. pp. 6-7). to follow
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		Pötzschke H. et al. (1997): "Molar Masses and Structure in Solution of Haemoglobin Hyperpolymers - A Common Calibration of Size Exclusion Chromatography of These Artificial Oxygen Carriers, " <u>Artificial Cells, Blood Substitutes, and Immobilization Biotechnology</u> 25, 527-540) on Sephadryl S-400 HR gel (Pharmacia Biotech, Freiburg, Germany) (Spec. p. 24) to follow

EXAMINER

/Lisa J. Hobbs/

DATE CONSIDERED

11/06/2007